

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1068251	photoresist or resist or photosensitive	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L2	4036551	expos\$4 or illuminat\$4 or irradiat\$4 or radiat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L3	2828098	develop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L4	36658	cationic adj surfactant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L5	35	L1 same L2 same L3 same L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L6	18	L5 and salt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L7	35	L1 same L2 same L3 same L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L8	406509	surfactant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44

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L9	1631	L1 same L2 same L3 same L8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L10	65	L9 same cationic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L11	113642	negativ\$4 adj charg\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L12	726	L4 same L11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L13	101	L12 and L1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L14	2280	(430/322).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/12/27 14:44
L15	1585	(430/331).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/27 14:44
L16	64	L15 and cationic adj surfactant	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/27 14:44
L17	1521	L15 not L16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/27 14:44

## EAST Search History

L18	22	L14 and cationic adj surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44
L19	5	L14 and line adj collapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/27 14:44
L20	2254	L14 not (L18 or L19)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/27 14:44
L21	34	(US-20060029885-\$ or US-20060014110-\$ or US-20040137378-\$ or US-20040137377-\$ or US-20040121259-\$ or US-20040072108-\$ or US-20030186174-\$ or US-20030203316-\$ or US-20030170571-\$ or US-20030157441-\$ or US-20030104322-\$ or US-20030099909-\$ or US-20030049564-\$ or US-20020187438-\$ or US-20020187437-\$ or US-20020055066-\$ or US-20020115022-\$).did. or (US-7094523-\$ or US-7063930-\$ or US-7018784-\$ or US-7033728-\$ or US-6811962-\$ or US-6682876-\$ or US-6670107-\$ or US-6656666-\$ or US-6641986-\$ or US-6613499-\$ or US-6599683-\$ or US-6534459-\$ or US-6451510-\$ or US-6352818-\$ or US-6255042-\$ or US-6107007-\$ or US-6007970-\$ or US-5821036-\$ or US-5175078-\$ or US-4914006-\$ or US-4670372-\$ or US-4567131-\$). did.	US-PGPUB; USPAT	OR	ON	2007/12/27 14:44
L22	1585	(430/331).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/27 14:44

## EAST Search History

L23	64	L22 and cationic adj surfactant	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/27 14:44
L24	3	L22 and line adj collapse	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/27 14:44
L25	1521	L22 not L23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/27 14:44
L26	1519	L25 not L24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/27 14:44
L27	478	L22 and surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44
L28	64	L15 and cationic adj surfactant	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/27 14:44
L29	3	L15 and line adj collapse	US-PGPUB; USPAT; USOCR	AND	ON	2007/12/27 14:44
L30	22	L14 and cationic adj surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44
L31	5	L14 and line adj collapse	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/27 14:44

## EAST Search History

L32	34	(US-20060029885-\$ or US-20060014110-\$ or US-20040137378-\$ or US-20040137377-\$ or US-20040121259-\$ or US-20040072108-\$ or US-20030186174-\$ or US-20030203316-\$ or US-20030170571-\$ or US-20030157441-\$ or US-20030104322-\$ or US-20030099909-\$ or US-20030049564-\$ or US-20020187438-\$ or US-20020187437-\$ or US-20020055066-\$ or US-20020115022-\$).did. or (US-7094523-\$ or US-7063930-\$ or US-7018784-\$ or US-7033728-\$ or US-6811962-\$ or US-6682876-\$ or US-6670107-\$ or US-6656666-\$ or US-6641986-\$ or US-6613499-\$ or US-6599683-\$ or US-6534459-\$ or US-6451510-\$ or US-6352818-\$ or US-6255042-\$ or US-6107007-\$ or US-6007970-\$ or US-5821036-\$ or US-5175078-\$ or US-4914006-\$ or US-4670372-\$ or US-4567131-\$). did.	US-PGPUB; USPAT	OR	ON	2007/12/27 14:44
L33	4	L32 and chemically adj amplified	US-PGPUB; USPAT	OR	ON	2007/12/27 14:44
L34	10	L21 and cationic adj surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44
L35	502	DTAB	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44
L36	15	L35 and photoresist	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44

## EAST Search History

L37	59	(US-20020115022-\$ or US-20020055066-\$ or US-20030099909-\$ or US-20020001781-\$ or US-20020086242-\$ or US-20060006377-\$ or US-20060280931-\$ or US-20040072108-\$ or US-20040121259-\$ or US-20030157441-\$ or US-20030170571-\$ or US-20030186174-\$ or US-20030203316-\$ or US-20040137377-\$ or US-20040137378-\$ or US-20060014110-\$ or US-20060029885-\$ or US-20030104322-\$ or US-20020187438-\$ or US-20020187437-\$ or US-20030049564-\$ or US-20030049570-\$).did. or (US-6656666-\$ or US-6143473-\$ or US-6746826-\$ or US-6451510-\$ or US-7033728-\$ or US-7018784-\$ or US-6613499-\$ or US-6372408-\$ or US-4873177-\$ or US-7063930-\$ or US-5849639-\$ or US-4914006-\$ or US-6291141-\$ or US-6811962-\$ or US-6007970-\$ or US-6352818-\$ or US-5821036-\$ or US-6660459-\$ or US-6599683-\$ or US-6815151-\$ or US-6537734-\$ or US-7094523-\$ or US-6107007-\$ or US-6114099-\$ or US-6255042-\$ or US-4567131-\$). did. or (US-4824762-\$ or US-6399513-\$ or US-6682876-\$ or US-6670107-\$ or US-6534459-\$ or US-4670372-\$ or US-5759749-\$ or US-6641986-\$ or US-6127097-\$ or US-6159646-\$ or US-5175078-\$). did.	US-PGPUB; USPAT	OR	ON	2007/12/27 14:44
L38	24	L37 and salt	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L39	273	TTAB	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44

## EAST Search History

L40	478	L15 and surfactant	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44
L41	502	DTAB	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44
L42	683	L26 not L27	US-PGPUB; USPAT; USOCR	OR	ON	2007/12/27 14:44
L43	1519	L17 not L29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	AND	ON	2007/12/27 14:44
L44	1585	(430/331).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/12/27 14:44
L45	748	tetradecyltrimethylammonium adj bromide or TTAB	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L46	256	L45 and (cationic adj surfactant)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L47	31	L46 and (photoresist or resist or photosensitive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44
L48	225	L46 not L47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/12/27 14:44